CONTENTS OF VOLUME 32

NUMBER, 1, JULY

COMMENTARY

Should the Premature Infant Receive Gamma-globulin—*Horace L. Hodes, M.D.* 1

ARTICLES

The Effect of Monthly Gamma-globulin Administration on Morbidity and Mortality from Infection in Premature Infants during the First Year of Life—*Jules Amer, M.D., Esther Ott, R.N., Frank A. Ibbott, F.I.M.L.T., Donouyh O'Brien, M.D., M.R.C.P., and C. Henry Kempe, M.D.* 4

Studies on Hyaline Membrane Disease: 1. The Fibrinolysin System in Pathogenesis and Therapy—*Clara M. Ambrus, M.D., Ph.D., David H. Weintraub, M.D., Donal Dunphy, M.D., John E. Dowd, Ph.D., John W. Pickren, M.D., Kenneth R. Niswander, M.D., and Julian L. Ambrus, M.D., Ph.D.* 10

Closure of the Ductus Arteriosus in the Newborn Infant—*Arthur J. Moss, M.D., George Emmanouilides, M.D., and Edward R. Duffie, Jr., M.D.* 25

Aplasia of the Trachea—*C. L. Witzleben, M.D.* 31

Studies of Tocopherol Requirements in Health and Disease—*Richard B. Goldbloom, M.D., R.R.C.P.(C) and Dorothy Cameron, R.T.* 36

Studies on the Effect of Novobiocin on Glucuronyl Transferase—*Howard Lokietz, M.D., Robert M. Dowben, M.D., and David Yi-Yung Hsia, M.D.* 47

Progress of Premature Infants Fed a Formula Containing Demineralized Whey—*Lewis T. Barness, M.D., Walter B. Omans, M.D., Catharine S. Rose, Ph.D., and Paul György, M.D.* 52

Triple Mosaicism with an Isochromosome Derived from a Partially Deleted Y in a Male Pseudohermaphrodite—*Harvey D. Klevit, M.D., William J. Mellman, M.D., and Walter R. Eberlein, M.D.* 56

Leukemic Infiltration of Meninges and Spinal Nerve Roots—*Margaret P. Sullivan, M.D.* 63

Electroencephalographic and Clinical Aspects of Cerebral Palsy—*Frederic A. Gibbs, M.D., Erna L. Gibbs, Meyer A. Perlstein, M.D., and Catherine L. Rich* 73

Electrical Conductivity of Sweat. A Simple Diagnostic Test in Children—*H. Shwachman, M.D., R. Dunham, B.S., and W. R. Phillips, M.D.* 85

Electrical Conductivity of Sweat. A Simple, Home-assembled Apparatus—*William R. Phillips, M.D.* 89

Inflammatory Lesions of the Pancreas in Infancy and Childhood—*Charles Frey, M.D., and Frank Redo, M.D.* 93

Hearing Loss in Infants and Preschool Children: I. The Development of a Provincial Preschool Hearing Program and Some Preliminary Results—*Geoffrey C. Robinson, M.D., F.R.C.P.(C), David C. Kendall, Ph.D., and Kenneth G. Cambon, B.A., M.D., C.M.* 103

Hearing Loss in Infants and Preschool Children: II. Etiological Considerations—*Geoffrey C. Robinson, M.D., F.R.C.P.(C), John R. Burmmitt, M.D., and James R. Miller, Ph.D.* 115

Role of a Social Worker in a Private Practice of Pediatrics—*Lester Wishingrad, M.D., Joseph T. Shulruff, M.D., and Alice Sklansky, M.A.* 125

SPECIAL ARTICLE

Contributions of a Children's Diagnostic Clinic in Child Welfare: Services in Relation to Adoption—*Morris Green, M.D., and Carolyn Godfrey, M.A.* 131

EXPERIENCE AND REASON—BRIEFLY RECORDED

Treatment of Severe Spell Syndrome in Congenital Heart Disease—*Abraham M. Rudolph, M.D. and Delores Danilowicz, M.D.* 141

Records for Hyperbilirubinemia—*Alvin A. Miller, M.D., and John H. Fuerth, M.D.* 143

AMERICAN ACADEMY OF PEDIATRICS

President's Message—Pediatric Practice: D. The Pediatrician as a Citizen—*Clarence H. Webb, M.D.* 145

LETTER TO THE EDITOR **148**

NEWS AND ANNOUNCEMENTS 149

NEW PUBLICATIONS RECEIVED 152

BOOK REVIEWS 114, 124, 140, 144, 147, 153

CORRECTION 9

RESÚMENES EN ESPAÑOL 154

ANNOUNCEMENTS OF MEETINGS lxxxi

NUMBER 2, AUGUST

COMMENTARY

Pediatric Cardiology and the Sub-boards—*Alexander S. Nadas, M.D.* 159

ARTICLES

Signs of Pyridoxine Dependency Manifest at Birth in Siblings—*Clara Waldinger, M.D., M.P.H., and Robert B. Berg, M.D.* 161

The Influence of Adrenal Steroids and Corticotropin on Massive Myoclonic Seizures of Infancy—*Patrick F. Bray, M.D.* 169

Blood Pressure and Vasomotor Reflexes in the Newborn Infant—*Arthur J. Moss, M.D., Edward R. Duffie, Jr., M.D., and George Emmanouilides, M.D.* 175

Maternal Rubella and Pulmonary Artery Stenoses. Report of Eleven Cases—*Richard D. Rowe, M.B., F.R.C.P. (Edin.) D.C.H.* 180

Systemic Blood Flow in Infants and Children with and without Heart Disease—*Glen G. Cayler, M.D., Abraham M. Rudolph, M.D., and Alexander S. Nadas, M.D.* 186

Bicycle Ergometer Studies in Children. II. Correlation of Pulse Rate with Oxygen Consumption—*Gordon R. Cumming, M.D., F.R.C.P.(C), and R. Danzinger* 202

Pulmonary Function in Pectus Excavatum—*George Polgar, M.D., and C. Everett Koop, M.D., Sc.D. (Med.)* 209

Clinical and Biochemical Studies on Two Cases of Histidinemia—*Bert N. La Du, M.D., Ph.D., R. Rodney Howell, M.D., George A. Jacoby, M.D., J. E. Seegmiller, M.D., Eva K Sober, M.S., Vincent G. Zannoni, Ph.D., John P. Canby, Major, M.C., U. S. Army, and Lillian K. Ziegler, M.D.* 216

Intestinal Lactase Deficiency in a Patient with Cystic Fibrosis. Report of a Case with Enzyme Assay—*Frank J. Cozzetto, M.D.* 228

The Diagnosis of Maple Syrup Disease (Branched-chain Ketoaciduria) by the in Vitro Study of the Peripheral Leukocyte—*Joseph Dancis, M.D., Joel Hutzler, B.S., and Mortimer Levitz, Ph.D.* 234

Pediatric Application of the Radioiodine (1-131) Rose Bengal Method in Hepatic and Biliary System Disease—*William E. White, M.D., John S. Welsh, M.D., Daniel C. Darrow, M.D., and Thomas M. Holder, M.D.* 239

Cervical Masses in Infants and Children—*George H. Moussatos, M.D., and Thomas G. Baffes, M.D., F.A.C.S.* 251

Systemic Lupus Erythematosus in Childhood. Report of Thirty-five Cases, with Discussion of Seven Apparently Induced by Anticonvulsant Medication, and of Prognosis and Treatment—*Jerry C. Jacobs, M.D.* 257

Virilization Accompanying Hepatoblastoma—*Franklin C. Behrle, M.D., Frank A. Mantz, Jr., M.D., Robert L. Olson, M.D., and James C. Trombold, M.D.* 265

Continuous Intravenous Infusion of Calcium in Vitamin D Deficient Rickets—*Christos Cassimos, M.D., Christine Tsenghi, M.D., Sophia Michael, M.D., Argyro Liaromati, M.D., and Katerina Metaxotou, M.D.* 272

Hageman Factor Deficiency in a Child—*Charles F. Abildgaard, M.D., Jo Ann Cornet, M.D., Victor Alcalde, M.D., and Irving Schulman, M.D.* 280

EXPERIENCE AND REASON—BRIEFLY RECORDED

Osteochondromata following Irradiation in Children—*A. R. C. Cole, M.D., and J. M. M. Darte, B.A., M.D., F.R.C.P. (C), D.M.R.T. (Eng.)* 285

Unusual Responses to Smallpox Vaccinations in Two Children—*Herman W. Hyatt, Sr., M.D.* ... 288

SPECIAL ARTICLES

Some Social Psychological Consequences of Handicapping—*Stephen A. Richardson, Ph.D.* 291

Child-rearing Practices in a Low Socioeconomic Group. The Mothers of Premature Infants—*H. Wortis, M.S., J. L. Bardach, Ph.D., R. Cutler, M.A., R. Rue, M.S.S., and A. Freedman, M.D.* 298

LETTERS TO THE EDITOR 308
NEWS AND ANNOUNCEMENTS 312
BOOK REVIEWS 208, 215, 233, 250, 256, 314
RESÚMENES EN ESPAÑOL 315
ANNOUNCEMENTS OF MEETINGS lxxvii

NUMBER 3, SEPTEMBER

COMMENTARY

Research on Premature Infants—Some Perspectives—S. Z. *Levine* 319

ARTICLES

Autosomal Disorders—*Jerome Lejeune, M.D.* 326
A Simple Phenylalanine Method for Detecting Phenylketonuria in Large Populations of Newborn Infants—*Robert Guthrie, Ph.D., M.D., and Ada Susi* 338
Phenylketonuria, and Guthrie Inhibition Assay Screening Procedure—*D. S. Kleinman* 344
Citrullinuria—*W. C. McMurray, Ph.D., J. C. Rathbun, F.R.C.P.(C.), F. Mohyuddin, M.Sc., and S. J. Koegler, M.D., D.C.H.* 347
Gastrointestinal Malabsorption Associated with Cystinuria. Report of a Case in a Negro—*Lieutenant Commander William H. Fleming, MC USNR, Lieutenant Gordon B. Avery, MC USN, Lieutenant R. Irvin Morgan, MC USN, and Captain Thomas E. Cone, Jr., MC USN* .. 358
Changes in Red Cell Enzyme Activity in Relation to Red Cell Survival in Infancy—*Eugene Kaplan, M.D., and J. Tyson Tildon, B.S.* 371
Megaloblastic Anemia Associated with the Ingestion of Phenobarbital and Primidone. Report of a Case in a Six-year-old Child—*Sigmund Benham Kahn, M.D., Harold Lischner, M.D., Lester Baker, M.D., and William J. Williams, M.D.* 376
Evidence that the Antidiuretic Substance in the Plasma of Children with Nephrogenic Diabetes Insipidus Is Antidiuretic Hormone—*Malcolm A. Holliday, M.D., Charles Burstin, M.D., and Jean Harrah, B.S.* 384
Sexual Maturation of Chinese Girls in Hong Kong—*Marjorie M. C. Lee, M.D., K. S. F. Chang, M.S., Ph.D., and Mary M. C. Chan, M.B.* 389
Hypoplastic Enamel Associated with the Nephrotic Syndrome—*William J. Oliver, M.D., Clyde L. Owings, M.D., William E. Brown, D.D.S., and Barry A. Shapiro, A.B.* 399
Antibody Deficiency Syndrome with Increased Gamma$_1$ M (B_2 M) Globulins and Absent Gamma$_1$ A (B_2 A) Globulins and Gamma$_2$ (G) Globulins—*Carolyn Huntley, M.D., John W. Lafferty, M.D., and Anne Lyerly, B.S.* 407
Transfer of Bilirubin-C^{14} across Monkey Placenta—*Roger Lester, M.D., Richard E. Behrman, M.D., and Jerold F. Lucey, M.D.* 416
Congenital Glaucoma—*Jerome W. Bettman, M.D., and Gilbert W. Cleasby, M.D.* 420
Milk Allergy. I. Oral Challenge with Milk and Isolated Milk Proteins in Allergic Children—*A. S. Goldman, M.D., D. W. Anderson, Jr., Ph.D., W. A. Sellers, M.D., S. Saperstein, Ph.D., W. T. Kniker, M.D., S. R. Halpern, M.D., and collaborators* 425

REVIEW ARTICLE

Active Immunization: Current Considerations—*Margaret H. D. Smith, M.D.* 444

EXPERIENCE AND REASON—BRIEFLY RECORDED

The Prognosis of Asthma in Infancy—*William P. Buffum, M.D.* 453
Nonalimentary Fructosuria—*Avedis K. Khachadurian, M.D.* 455

AMERICAN ACADEMY OF PEDIATRICS

President's Message—The Traditional Purposes of the Academy—Alter or Enhance?—*Clarence H. Webb, M.D.* 458
The Academy and Charlie Brown 461

LETTERS TO THE EDITOR 462
NEWS AND ANNOUNCEMENTS 467
BOOK REVIEWS 357, 473

CORRECTION 337

RESÚMENES EN ESPAÑOL 474

ANNOUNCEMENTS OF MEETINGS lxxvii

PREPARATION OF MANUSCRIPTS (See June and December issues)

NUMBER 4, PART I, OCTOBER

COMMENTARY

The Pediatrician and the Handling of Terminal Illness—*Reginald S. Lourie, M.D.* 477

ARTICLES

The Structure and Function of Renal Glomerular Capillaries in Health and Disease. E. Mead Johnson Award Address, October, 1962—*Robert L. Vernier, M.D.* 480

Adenovirus Complement-fixing Antibody Titers from Birth through the First Year of Life. A *Longitudinal Study—Rosa Lee Nemir, M.D., Donna O'Hare, M.D., Stanley Goldstein, DMD, M.D., and Charles B. Hilton, M.D.* 497

Relation of 7S and 19S Staphylococcal Hemagglutinating Antibody to Age of Individual—*Alfred L. Florman, M.D., Gertrude H. Lambertson, A.B., Helen Zepp, A.B., Eugene Ainbender, M.D., and Horace L. Hodes, M.D.* 501

ECHO 11 Virus Infections Associated with Exanthems—*James D. Cherry, M.D., A. Martin Lerner, M.D., Jerome O. Klein, M.D., and Maxwell Finland, M.D.* 509

The Thymus and Other Lymphoid Tissues in Congenital Agammaglobulinemia. I. Thymic Alymphoplasia and Lymphocytic Hypoplasia and Their Relation to Infection—*David Gitlin, M.D., and John Craig, M.D.* 517

Malignant Pheochromocytoma. Report of a Case in a 12-Year-Old-Girl—*Thomas E. Cone, Jr., M.D., Captain (MC) USN, and Howard T. Pearson, M.D., LCDR (MC), USN* 531

Congenital Ectodermal Dysplasia of the Face—*Howard Setleis, M.D., Benjamin Kramer, M.D., Marta Valcarcel, M.D., and Arnold H. Einhorn, M.D.* 540

Cardiac Complications of Diphtheria—*Beverly C. Morgan, M.D.* 549

Carcinoma of the Colon in Children—*J. Neal Middlekamp, M.D., and Heinz Haffner, M.D.* 558

Milk Allergy. II. Skin Testing of Allergic and Normal Children with Purified Milk Proteins—*A. S. Goldman, M.D., W. A. Sellars, M.D., S. R. Halpern, M.D., D. W. Anderson, Jr., Ph.D., T. E. Furlow M.D., C. H. Johnson, Jr., M.D., and collaborators* 572

Milk Allergy. III. Immunological Studies with Sera from Allergic and Normal Children—*S. Saperstein, Ph.D., D. W. Anderson, Jr., Ph.D., A. S. Goldman, M.D., and W. T. Kniker, M.D.* 580

Origin of the Left Coronary Artery from the Pulmonary Artery without Collateral Circulation—*Robert M. Armer, M.D., Harris B. Schumacker, Jr., M.D., Paul R. Lurie, M.D., and Charles Fisch, M.D.* 588

EXPERIENCE AND REASON—BRIEFLY RECORDED

Plastic Toy Injury—*I. J. Wolf, M.D.* 594

Muscular Hypertrophy of the Esophagus: Report of a Case with Involvement of the Entire Esophagus—*Eugene Blank, M.D., and Thomas D. Michael, M.D.* 595

REVIEW ARTICLE

Passive Immunization—*Geoffrey Edsall, M.D.* 599

SPECIAL ARTICLE

Behavioral Observations on Parents Anticipating the Death of a Child—*Stanford B. Friedman, M.D., Paul Chodoff, M.D., John W. Mason, M.D., and David A. Hamburg, M.D.* 610

AMERICAN ACADEMY OF PEDIATRICS

Presidential Address—The Academy—1962-1963 ..... *Clarence H. Webb, M.D.* 626

Report—Recommendations on Formula Supply in the Hospital 631

Grulee Award Presentation—1963 635

LETTERS TO THE EDITOR 636

NEWS AND ANNOUNCEMENTS 640

BOOK REVIEWS 646

NEW PUBLICATIONS RECEIVED 649

RESÚMENES EN ESPAÑOL 650

SYMPOSIUM ON EXERCISE FITNESS TESTS—*Guest Editor, F. H. Adams* 653

PREPARATION OF MANUSCRIPTS (See June and December issues)

NUMBER 4, PART II, OCTOBER

Historical Introduction: Personal Reminiscences—*D. B. Dill, Ph.D.* 653

An Appraisal of Exercise Fitness Tests—*Leonard M. Linde, M.D.* 656

Mechanisms of Adaptation of the Left Ventricle to Muscular Exercise—*Jere H. Mitchell, M.D.* 660

"The Circulation of Blood through Skeletal Muscle"—*Chester Hyman, Ph.D.* 671

The Respiratory Response to Exercise—*Malcolm B. McIlroy, M.D.* 680

Circulatory Changes in the Lungs during Exercise—*John T. Shepherd, M.D., M.Ch., D.Sc.* 683

The Standardization and Interpretation of Submaximal and Maximal Tests of Working Capacity—

Temperature Regulation in Exercise—*Sid Robinson, Ph.D.* 691

Henry L. Taylor, Ph.D., Yang Wang, M.D., Loring Rowell, Ph.D., and Gunnar Blomqvist, M.D. 703

The Relation of Heart Rate to Exercise Fitness: An Attempt at Physiological Interpretation of the Bradycardia of Training—*Victor E. Hall, M.D.* 723

Value of Longitudinal Studies of Exercise Fitness Tests—*Alan W. Sexton, Ph.D.* 730

The Influence of Age on Performance as Shown by Exercise Tests—*D. B. Dill, Ph.D.* 737

Exercising Testing in Adult Normal Subjects and Cardiac Patients—*R. A. Bruce, M.D., J. R. Blackmon, M.D., J. W. Jones, M.D., and G. Strait* 742

The Use of the Working Capacity Test in the Evaluation of Children with Congenital Heart Disease—*Edward R. Duffie, Jr., M.D., and Forrest H. Adams, M.D.* 757

Exercise Studies in Patients with Congenital Heart Disease—*Paul G. Hugenholtz, M.D., and Alexander S. Nadas, M.D.* 769

Cardiac Arrest during Strenuous Exercise in a Patient with Congenital Heart Disease—*Albert A. Kattus, M.D.* 776

The Relation of Cardiovascular Tests to Measurements of Motor Performance and Skills—*William M. Fowler, Jr., M.D., and Gerald W. Gardner, M.S.* 778

NUMBER 5, NOVEMBER

COMMENTARY

Low Birth Weight—*William A. Silverman, M.D.* 791

ARTICLES

Intrauterine Growth as Estimated from Liveborn Birth-weight Data at 24 to 42 Weeks of Gestation—*Lula O. Lubchenco, M.D., Charlotte Hansman, M.D., Marion Dressler, M.D., and Edith Boyd, M.D.* 793

The Effect of Hypoxia on Newborn Animals, with Reference to Hyaline Membrane Disease—*Lieutenant Gordon B. Avery, MC, USN* 801

Effect of Amniotic Fluid Aspiration on the Lung and Circulation—*H. J. H. Colebatch, M.B., M.R.A.C.P., D. F. J. Halmagyi, M.D., M.R.A.C.P., and B. Starzecki, B.Sc., M.B.* 808

Spontaneous Alveolar Rupture at Birth—*Victor Chernick, M.D., and Mary Ellen Avery, M.D.* .. 816

The Juxtaglomerular Cells of the Kidney and the Zona Glomerulosa of the Adrenal Cortex in the Sodium-Losing and the Hypertensive Forms of Virilizing Adrenal Hyperplasia—*Jose Cara, M.D., and Lytt I. Gardner, M.D.* 825

Pulmonary Atresia with Intact Ventricular Septum—*Brian Kiely, M.D., Francisco Morales, M.D. and David Rosenblum, M.D.* 841

Pericarditis in Juvenile Rheumatoid Arthritis—*Paul S. Lietman, M.D., and E. G. L. Bywaters, M.B., F.R.C.P.* 855

Giant-Cell Arteritis with Aneurysm Formation in Children—*C. A. Wagenvoort, M.D., Lloyd E. Harris, M.D., Arnold L. Brown, Jr., M.D., and G. M. H. Veeneklaas, M.D.* 831
Familial Erythrophagocytic Lymphohistiocytosis—*H. Edward MacMahon, M.D., Metin Bedizel, M.D., and Charles A. Ellis, M.D.* 838
Vincristine (Leurocristine) Sulfate in the Treatment of Children with Metastatic Wilms' Tumor—*W. W. Sutow, M.D., Chairman, W. G. Thurman, M.D., and Joan Windmiller, M.D.* 830
Renal Amyloidosis Resulting from a Chronically Infected Burn—*Saul Hoffman, M.D., Bernard E. Simon, M.D., Robert A. Fischel, and Donald Gribetz, M.D.* 838
Fetal Infection in Chickenpox and Alastrim, with Histopathologic Study of the Placenta—*Aparecida G. P. Garcia, M.D.* 895
Obstetric and Pediatric Complications of Juvenile Pregnancy—*Frederick C. Battaglia, M.D., Todd M. Frazier, Sc.M., and Andre E. Hellegers, M.D.* 902
Smoking Behavior, Recreational Activities and Attitudes toward Smoking among Newton Secondary School Children—*Eva J. Salber, M.D., Robert B. Reed, Ph.D., Sarah V. Harrison, B.A., and Joseph H. Green* 911

EXPERIENCE AND REASON—BRIEFLY RECORDED

Serum Levels of Potassium Penicillin V following Oral Administration to Febrile and Afebrile Children—*F. Whitehouse, Jr., M.D., S. A. Obeng, M.D., A. R. Pequet, M.D., J. K. Chamness, M.D., J. K. Jender, M.D., J. L. Wilson, M.D.* 919
Effect of Glucose and Digoxin on Experimental Hyaline Membrane Disease in Guinea Pigs—*Nicholas T. Jaco, B.M., M.R.C.P., D.C.H.* 922
Neonatal Death from Congestive Heart Failure Associated with Large Cutaneous Cavernous Hemangioma—*Michael I. Cohen, M.D., John C. Sinclair, M.D.* 924

SPECIAL ARTICLES

The Prenatal Pediatric Visit—*Morris A. Wessel, M.D.* 926
The Early Mother-Infant Adjustment—*T. Berry Brazelton, M.D.* 931

LETTERS TO THE EDITOR 938

NEWS AND ANNOUNCEMENTS 943

BOOK REVIEWS 854, 947

NEW PUBLICATIONS RECEIVED 948

RESÚMENES EN ESPAÑOL 949

ANNOUNCEMENTS OF MEETINGS lxxi

NUMBER 6, DECEMBER

COMMENTARY

Primates, Drugs, and Fetal Safety—*Jerold F. Lucy, M.D.* 953

ARTICLES

Relation of Intensity of Staphylococcal Infection in Newborn Infants to Contamination of Nurses' Hands and Surrounding Environment—*Gory J. Love, D.Sc. (Hyg.), Horace M. Gezon, M.D., Donavon J. Thompson, Ph.D., Kenneth Rogers, M.D., and Thomas F. Hatch, M.S.* .. 956
Reduction of Mortality from Respiratory Distress Syndrome of Prematurity with Early Administration of Intravenous Glucose and Sodium Bicarbonate—*Robert Usher, M.D.* 966
An Electron Microscope Study of the Fetal Development of Human Lung—*M. A. Campiche, A. Gautier, E. I. Hernandez, and A. Raymond* 976
Hyperbilirubinemia in Breast-Fed Infants—*Arthur J. Newman, M.D., and Samuel Gross, M.D.* 995
Varations in Glucagon Response among Juvenile Diabetics—*Donnell D. Etzwiler, M.D.* 1002
Studies of Carbohydrate Metabolism in the Newborn Infant. VII. Tests of Carbohydrate Tolerance in Premature Infants—*M. Cornblath, M.S., S. H. Wybregt, M.D., and G. S. Baens, M.D.* 1007
Organic Acids in Fetal Blood and Amniotic Fluid—*Niels C. R. Räihä* 1025
The Presence of Lactulose in the Urine of Infants with Lactosuria—*Theo Gerritsen, D.Sc., Luc Lemli, M.D., Louis J. Ptacek, M.D., and Harry A. Waisman, Ph.D., M.D.* 1033

Attenuated Poliovirus Infection in Infants Fed Colostrum from Poliomyelitis Immune Cows—*Antonio J. Gonzaga, M.D., Robert J. Warren, M.D., and Frederick C. Robbins, M.D.* 1039
Scleredema "Adultorum" in Children: Report of Three Cases with Histochemical Study and Review of World Literature—*Lawrence M. Greenberg, M.D., Charles Geppert, M.D., Howard G. Worthen, M.D., Ph.D., and Robert A. Good, Ph.D., M.D.* 1044
Familial Occurrence of Letterer-Siwe Disease—*Volker W. Schoeck, M.D., Rymond D. A. Peterson, M.D., and Robert A. Good, Ph.D., M.D.* 1055
The Problem of Hospital Accidents to Children—*George H. Lowrey, M.D.* 1064
Phenylketonuria in Yemenite Jews—*Bernard E. Cohen, M.B., Ch.B., M.R.C.P.E., D.C.H., D.P.H., Arieh Szeinberg, Ph.D., Haymin Boichis, M.D., Eva Bodonyi, Ph.D.* 1069
A Nomogram for the X-Ray Evaluation of Some Morphological Anomalies of the Pelvis in the Diagnosis of Mongolism—*F. B. Nicolis and G. Sacchetti* 1074

SPECIAL ARTICLES

Community-Wide Planning for Children's Hospital Service in a Metropolitan Area—*Robert M. Sigmond* 1078
Natal and Neonatal Teeth: Folklore and Fact—*Jessie Bodenhoff, D.D.S., and Robert J. Gorlin, D.D.S.* 1087

EXPERIENCE AND REASON—BRIEFLY RECORDED

Pulmonary Hyaline Membranes and Vascular Anomalies of the Lung—*C. Bozic, M.D.* 1094
Observations on Blood Cultures with Exchange Transfusion of the Newborn Infant—*Richard B. Johnston, Jr., M.D., and Sarah H. Sell, M.D.* 1097
Common Bullous Lesions—Presumably Self-Inflicted—Occurring in Utero in the Newborn Infant—*William F. Murphy, M.D., and A. Louise Langley, R.N.* 1099

CONTRIBUTOR'S SECTION

Annual Summary of Vital Statistics—1962—*Myron E. Wegman, M.D.* 1102

LETTER TO THE EDITOR 1106

NEWS AND ANNOUNCEMENTS 1108

BOOK REVIEWS 1063, 1077

NEW PUBLICATIONS RECEIVED 1110

RESÚMENES EN ESPAÑOL 1111

INDEX 1115

PREPARATION OF MANUSCRIPTS v